

# Xia-Lin Hu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48  
papers

2,177  
citations

25  
h-index

46  
g-index

52  
ext. papers

2,481  
ext. citations

7.1  
avg, IF

4.96  
L-index

#	Paper	IF	Citations
48	A Lab-in-a-Syringe Device Integrated with a Smartphone Platform: Colorimetric and Fluorescent Dual-Mode Signals for On-Site Detection of Organophosphorus Pesticides. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 48643-48652	9.5	8
47	Bioaccessibility evaluation of pharmaceuticals in market fish with in vitro simulated digestion. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 411, 125039	12.8	4
46	Oxidized nanoscale zero-valent iron changed the bioaccumulation and distribution of chromium in zebrafish. <i>Chemosphere</i> , <b>2021</b> , 263, 128001	8.4	
45	Distribution of 31 endocrine-disrupting compounds in the Taihu Lake and application of the fish plasma model. <i>Environmental Sciences Europe</i> , <b>2020</b> , 32,	5	3
44	A novel signal amplification strategy based on the competitive reaction between 2D Cu-TCPP(Fe) and polyethyleneimine (PEI) in the application of an enzyme-free and ultrasensitive electrochemical immunosensor for sulfonamide detection. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 150, 111883	11.8	26
43	Evaluating the effect of different modified microplastics on the availability of polycyclic aromatic hydrocarbons. <i>Water Research</i> , <b>2020</b> , 170, 115290	12.5	26
42	A novel fluorescence immunoassay based on AgNCs and ALP for ultrasensitive detection of sulfamethazine (SMZ) in environmental and biological samples. <i>Talanta</i> , <b>2019</b> , 199, 72-79	6.2	14
41	Electrochemical Biosensor Based on Tetrahedral DNA Nanostructures and G-Quadruplex-Hemin Conformation for the Ultrasensitive Detection of MicroRNA-21 in Serum. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 7353-7359	7.8	60
40	Electrochemical immunosensor based on Ag-dependent CTAB-AuNPs for ultrasensitive detection of sulfamethazine. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 144, 111643	11.8	14
39	Simultaneous determination of 29 pharmaceuticals in fish muscle and plasma by ultrasonic extraction followed by SPE-UHPLC-MS/MS. <i>Journal of Separation Science</i> , <b>2018</b> , 41, 2139-2150	3.4	16
38	Nanomaterials Safer-by-Design: An Environmental Safety Perspective. <i>Advanced Materials</i> , <b>2018</b> , 30, e1705691	24	41
37	Safety of Nanomaterials: Nanomaterials Safer-by-Design: An Environmental Safety Perspective (Adv. Mater. 17/2018). <i>Advanced Materials</i> , <b>2018</b> , 30, 1870121	24	0
36	Bioaccumulation, distribution and elimination of lindane in <i>Eisenia foetida</i> : The aging effect. <i>Chemosphere</i> , <b>2018</b> , 190, 350-357	8.4	15
35	The decreasing aggregation of nanoscale zero-valent iron induced by trivalent chromium. <i>Environmental Chemistry</i> , <b>2017</b> , 14, 99	3.2	3
34	Occurrence of 25 pharmaceuticals in Taihu Lake and their removal from two urban drinking water treatment plants and a constructed wetland. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 14889-14902	5.1	27
33	Distribution and relevance of iodinated X-ray contrast media and iodinated trihalomethanes in an aquatic environment. <i>Chemosphere</i> , <b>2017</b> , 184, 253-260	8.4	27
32	Characteristics of the alkylphenol and bisphenol A distributions in marine organisms and implications for human health: A case study of the East China Sea. <i>Science of the Total Environment</i> , <b>2016</b> , 539, 460-469	10.2	47

31	Phthalate monoesters as markers of phthalate contamination in wild marine organisms. <i>Environmental Pollution</i> , <b>2016</b> , 218, 410-418	9.3	46
30	Fullerene inhibits benzo(a)pyrene Efflux from <i>Cyprinus carpio</i> hepatocytes by affecting cell membrane fluidity and P-glycoprotein expression. <i>Aquatic Toxicology</i> , <b>2016</b> , 174, 36-45	5.1	15
29	Effect of subcellular distribution on nC <sub>60</sub> uptake and transfer efficiency from <i>Scenedesmus obliquus</i> to <i>Daphnia magna</i> . <i>Ecotoxicology and Environmental Safety</i> , <b>2016</b> , 128, 213-21	7	17
28	Fullerene-associated phenanthrene contributes to bioaccumulation but is not toxic to fish. <i>Environmental Toxicology and Chemistry</i> , <b>2015</b> , 34, 1023-30	3.8	15
27	Solid-phase extraction coupled with ultra high performance liquid chromatography and electrospray tandem mass spectrometry for the highly sensitive determination of five iodinated X-ray contrast media in environmental water samples. <i>Journal of Separation Science</i> , <b>2015</b> , 38, 1998-2005	3.4	16
26	Oxidation of nanoscale zero-valent iron under sufficient and limited dissolved oxygen: Influences on aggregation behaviors. <i>Chemosphere</i> , <b>2015</b> , 122, 8-13	8.4	28
25	The effect of nC <sub>60</sub> on tissue distribution of ibuprofen in <i>Cyprinus carpio</i> . <i>Science of the Total Environment</i> , <b>2014</b> , 496, 453-460	10.2	9
24	Simultaneous solid phase extraction coupled with liquid chromatography tandem mass spectrometry and gas chromatography tandem mass spectrometry for the highly sensitive determination of 15 endocrine disrupting chemicals in seafood. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2014</b> , 961, 111-120	3.2	44
23	Combined effects of aqueous suspensions of fullerene and humic acid on the availability of polycyclic aromatic hydrocarbons: evaluated with negligible depletion solid-phase microextraction. <i>Science of the Total Environment</i> , <b>2014</b> , 493, 12-21	10.2	18
22	The effects of humic acid on the uptake and depuration of fullerene aqueous suspensions in two aquatic organisms. <i>Environmental Toxicology and Chemistry</i> , <b>2014</b> , 33, 1090-7	3.8	31
21	Prevalence of antibiotic resistance genes and their relationship with antibiotics in the Huangpu River and the drinking water sources, Shanghai, China. <i>Science of the Total Environment</i> , <b>2013</b> , 458-460, 267-72	10.2	223
20	The distributions, removals and estrogenic effects of selected endocrine disrupting chemicals in two drinking water factories in China. <i>Journal of Water and Health</i> , <b>2013</b> , 11, 41-50	2.2	4
19	Adsorption of cadmium(II) on humic acid coated titanium dioxide. <i>Journal of Colloid and Interface Science</i> , <b>2012</b> , 367, 241-8	9.3	83
18	Ionic liquid-based single-drop liquid-phase microextraction combined with high-performance liquid chromatography for the determination of sulfonamides in environmental water. <i>Journal of Separation Science</i> , <b>2012</b> , 35, 452-8	3.4	43
17	MCX based solid phase extraction combined with liquid chromatography tandem mass spectrometry for the simultaneous determination of 31 endocrine-disrupting compounds in surface water of Shanghai. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2011</b> , 879, 2998-3004	3.2	42
16	Combined effects of titanium dioxide and humic acid on the bioaccumulation of cadmium in Zebrafish. <i>Environmental Pollution</i> , <b>2011</b> , 159, 1151-8	9.3	43
15	Occurrence, distribution and seasonal variation of antibiotics in the Huangpu River, Shanghai, China. <i>Chemosphere</i> , <b>2011</b> , 82, 822-8	8.4	321
14	Development of molecular docking-based binding energy to predict the joint effect of BPA and its analogs. <i>Human and Experimental Toxicology</i> , <b>2011</b> , 30, 318-27	3.4	8

13	Bioavailability of organochlorine compounds in aqueous suspensions of fullerene: evaluated with medaka ( <i>Oryzias latipes</i> ) and negligible depletion solid-phase microextraction. <i>Chemosphere</i> , <b>2010</b> , 80, 693-700	8.4	24
12	Toxicity prediction of antibiotics on luminescent bacteria, <i>Photobacterium phosphoreum</i> , based on their quantitative structure-activity relationship models. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2010</b> , 85, 550-5	2.7	22
11	Hollow fiber membrane supported thin liquid film extraction for determination of trace phenoxy acid herbicides and phenols in environmental water samples. <i>Mikrochimica Acta</i> , <b>2010</b> , 168, 23-29	5.8	17
10	Ionic liquids as mobile phase additives for high-performance liquid chromatography separation of phenoxy acid herbicides and phenols. <i>Journal of Separation Science</i> , <b>2009</b> , 32, 4126-32	3.4	29
9	Ionic liquids in sample preparation. <i>Analytical and Bioanalytical Chemistry</i> , <b>2009</b> , 393, 871-83	4.4	153
8	Hollow fiber supported ionic liquid membrane microextraction for determination of sulfonamides in environmental water samples by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 6259-66	4.5	141
7	Development of negligible depletion hollow fiber-protected liquid-phase microextraction for sensing freely dissolved triazines. <i>Environmental Toxicology and Chemistry</i> , <b>2009</b> , 28, 231-8	3.8	10
6	Impacts of some environmentally relevant parameters on the sorption of polycyclic aromatic hydrocarbons to aqueous suspensions of fullerene. <i>Environmental Toxicology and Chemistry</i> , <b>2008</b> , 27, 1868-74	3.8	72
5	Direct determination of chlorophenols in environmental water samples by hollow fiber supported ionic liquid membrane extraction coupled with high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>2007</b> , 1139, 165-70	4.5	243
4	Ultrasensitive determination of cadmium in seawater by hollow fiber supported liquid membrane extraction coupled with graphite furnace atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , <b>2007</b> , 62, 499-503	3.1	50
3	Determination of atrazine, desethyl atrazine and desisopropyl atrazine in environmental water samples using hollow fiber-protected liquid-phase microextraction and high performance liquid chromatography. <i>Mikrochimica Acta</i> , <b>2007</b> , 158, 181-186	5.8	26
2	Equilibrium sampling of freely dissolved alkylphenols into a thin film of 1-octanol supported on a hollow fiber membrane. <i>Analytical Chemistry</i> , <b>2006</b> , 78, 8526-34	7.8	34
1	Evaluating the impacts of some environmentally relevant factors on the availability of bisphenol A with negligible-depletion SPME. <i>Chemosphere</i> , <b>2006</b> , 65, 1935-41	8.4	18